



STIC Search Report

EIC 2800

STIC Database Tracking Number: 169016

**TO: Evelyn Lester
Location: JEF-3C05
Art Unit : 2873
Wednesday, October 19, 2005

Case Serial Number: 09/554135**

**From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov**

Search Notes

Re: 09/554,135 US 6,324,014

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let
me know.**

Thanks,

Darcy Bates

Bates, Darcy

From: Lester, Evelyn
Sent: Tuesday, October 18, 2005 2:57 PM
To: STIC-EIC2800
Subject: Litigation Search

Hello,

I am in need of a litigation search for a reissue application 10/720,004 and for a patented case, Pat. # 6,324,014 (Serial Number 09/554,135).

Thank you very much!

Evelyn A. Lester
Primary Examiner
AU 2873
JEF 3C05
(571) 272-2332

P.S. If this is not the correct place to request a litigation search, can you tell me who I should ask? Thanks.

PALM INTRANET

Day : Tuesday
 Date: 10/18/2005
 Time: 15:46:52

Application Number Information

Application Number: 09/554135 Assignments

Filing or 371(c) Date: 05/10/2000

Effective Date: 05/10/2000

Application Received: 05/10/2000

Patent Number: 6324014

Issue Date: 11/27/2001

Date of Abandonment: 00/00/0000

Attorney Docket Number: USPL-64

Status: 150 /PATENTED CASE

Confirmation Number: 8245

Examiner Number: 69399 / LESTER, EVELYNGroup Art Unit: 2873

Class/Subclass: 359/651.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code: 1

Third Level Review: NO

Secrecy Order: NO

Status Date: 11/09/2001

Oral Hearing: NO

Title of Invention: **WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION LENS SYSTEMS EMPLOYING PIXELIZED PANELS**


Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09554135	28M1	10/18/2005	28E1	No Charge to Name	NGO, CHAU	JEF/00/C 05

Appln Info Contents Petition Info Atty/Agent Info Continuity Data Foreign Data Inventors Address

Search Another: Application# Searchor Patent# SearchPCT / / Searchor PG PUBS # SearchAttorney Docket # SearchBar Code # Search

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 PALM INTRANETDay : Tuesday
Date: 10/18/2005
Time: 15:46:57

Continuity Information for 09/554135

Parent Data

09554135is a national stage entry of PCT/US98/23937 International Filing Date: 11/10/1998Which Claims Priority from Provisional Application 60065308Which Claims Priority from Provisional Application 60065308

Child Data

10720004 is a reissue of 09554135

Appln Info

Contents

Petition Info

Atty/Agent.Info

**Continuity
Data**

Foreign Data

Inventors

Address

Search Another: Application#

Search

or Patent#

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PCT /

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or PG PUBS #

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Attorney Docket #

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Patent Search - Number: 6,324,014

No cases containing this patent number were found.

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Terms: **patno=6324014** ([Edit Search](#) | [Suggest Terms for My Search](#))

554135 (09) 6324014 November 27, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6324014

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[Link to Claims Section](#)

November 27, 2001

Wide field of view projection lenses for compact projection lens systems employing pixelized panels

REISSUE: November 21, 2003 - Reissue Application filed Ex. Gp.: 2873; Re. S.N. 10/720,004 (O.G. April 20, 2004)

INVENTOR: Moskovich, Jacob - Cincinnati, Ohio

APPL-NO: 554135 (09)

FILED-DATE: May 10, 2000

GRANTED-DATE: November 27, 2001

ASSIGNEE-AT-ISSUE: Corning Precision Lens, Cincinnati, Ohio, 02

ASSIGNEE-AFTER-ISSUE: February 18, 2003 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., 3M INNOVATIVE PROPERTIES COMPANY P.O. BOX 33427 ST. PAUL MINNESOTA 55133-3427, Reel and Frame Number: 13429/0259

February 18, 2003 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., 3M PRECISION OPTICS, INC. 3997 MCMANN ROAD CINCINNATI OHIO 45245, Reel and Frame Number: 13429/0359

LEGAL-REP: Klee, Maurice M. - ##0

PUB-TYPE: November 27, 2001 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

PCT-FILED-DATE: November 10, 1998

PCT-APPL-NO: US9823937

PCT-PUB-PAT-NO: WO 99/26090

PCT-PUB-DATE: May 27, 1999

SECT-371-DATE: May 10, 2000


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Syntax	Definition
and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
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Selected file: PLUSPAT

Search statement 1

Query/Command : us6324014/pn

** SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6324014 B1 20011127 [US6324014]
TI - (B1) Wide field of view projection lenses for compact projection
lens systems employing pixelized panels
PA - (B1) CORNING PREC LENS (US)
PAO - Corning Precision Lens, Cincinnati OH [US]
IN - (B1) MOSKOVICH JACOB (US)
AP - US55413500 20000510 [2000US-0554135]
FD - Rel. Prov. 60/065,308 19971113 [1997US-P065308]
PCT/US98/23937 19981110 [1998WO-US23937]
WO99/26090 19990527 [WO9926090]
PR - US55413500 20000510 [2000US-0554135]
US6530897P 19971113 [1997US-P065308]
WOUS9823937 19981110 [1998WO-US23937]
IC - (B1) G02B-003/00 G02B-013/18
EC - G02B-013/06
G02B-013/18
G02B-027/18
PCL - ORIGINAL (O) : 359651000; CROSS-REFERENCE (X) : 359649000
359716000 359717000
DT - Basic
CT - USRe35310; US4189211; US4425028; US4461542; US4767199; US4778264;
US4801196; US4826311; US5042929; US5179473; US5200861; US5218480;
US5278698; US5313330; US5319495; US5331462; US5493446; US5625495;
US5644435; US5812326; US5822128; US5822129; US5841587; US5870228;
US5900987; US5900989; US5963375; US5969874; US5969876; US5991089;
US6023375; EP311116; WO9908138
The Handbook of Plastic Optics, U.S. Precision Lens, Inc.,
Cincinnati, Ohio, 1983, pp. 17-29.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - A projection lens for use with LCD panels is provided. The lens
has a first lens unit which includes a strong negative lens
element having an aspherical surface which provides distortion
correction, and a second lens unit which includes a first lens
subunit separated by an airspace from a second lens subunit,
wherein the first lens subunit has a strong positive power and the
second lens subunit has a weaker power. The second lens subunit
can include a negative lens element, followed by a positive lens
element, followed by a plastic lens element having an aspherical
surface. The projection lens has a field of view of at least 35

10/19/05

US 6,324,014

09/554135

(degree) so that the overall projection lens system has a compact size.
UP - 2001-49

1 / 1 LGST - ©EPO
PN - US6324014 B1 20011127 [US6324014]
AP - US55413500 20000510 [2000US-0554135]
ACT - 20030218 US/AS-A
ASSIGNMENT
OWNER: 3M INNOVATIVE PROPERTIES COMPANY P.O. BOX 33427ST.;
EFFECTIVE DATE: 20030212
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:3M PRECISION OPTICS,
INC.;REEL/FRAME:013429/0259

20030218 US/AS-A
ASSIGNMENT
OWNER: 3M PRECISION OPTICS, INC. 3997 MCMANN ROADCINCINNA;
EFFECTIVE DATE: 20021213
CHANGE OF NAME;ASSIGNOR:CORNING PRECISION LENS,
INC.;REEL/FRAME:013429/0359

20040420 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031121
UP - 2004-53

1 / 1 CRXX - ©CLAIMS/RRX
AN - 3612269
PN - 6,324,014 A 20011127 [US6324014]
PA - Corning Precision Lens
PT - E (Electrical)
ACT - 20030218 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: 3M PRECISION OPTICS, INC., DATE SIGNED: 02/12/2003

Assignee: 3M INNOVATIVE PROPERTIES COMPANY, P.O. BOX 33427, ST.
PAUL, MINNESOTA, 55133-3427

Reel 013429/Frame 0259

Contact: 3M INNOVATIVE PROPERTIES COMPANY, BRUCE E. BLACK, PO BOX
33427, ST. PAUL, MN 55133-3427

20030218 REASSIGNED
CHANGE OF NAME

Assignor: CORNING PRECISION LENS, INC., DATE SIGNED: 12/13/2002

Assignee: 3M PRECISION OPTICS, INC., 3997 MCMANN ROAD, CINCINNATI,
OHIO, 45245

Reel 013429/Frame 0359

Contact: 3M INNOVATIVE PROPERTIES COMPANY, BRUCE E. BLACK, OFFICE
OF INTELLECTUAL PROPERTY COUNSEL, P.O. BOX 33427, ST. PAUL,
MINNESOTA 55133-3427

20031121 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040420
REISSUE REQUEST NUMBER: 10/720004
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2873

Reissue Patent Number:

UP - 2003-19
UACT- 2004-04-20

Search statement 4

Query/Command : fam us6324014/pn

1 Patent Groups
** SS 4: Results 6

Search statement 5

Query/Command : famstate nonstop

1 / 6 PLUSPAT - @QUESTEL-ORBIT
PN - CN1278925 A 20010103 [CN1278925]
STG - (A) Unexamined application
TI - (A) Wide field of view projection lenses for compact projection
lens systems employing pixelized panels
PA - (A) U S PREC LENS INC (US)
IN - (A) MOSKOVICH J (US)
IC - (A) G02B-003/00 G02B-003/02 G02B-015/14
PN2 - CN1169001 C 20040929 [CN1169001C]
STG2- (C) Granted patent
TI2 - (C) Wide field of view projection lenses for compact projection
lens systems employing pixelized panels
PA2 - (C) U S PREC LENS INC (US)
IN2 - (C) MOSKOVICH J (US)
IC2 - (C) G02B-003/00 G02B-003/02 G02B-015/14
AP - CN98811140 19981110 [1998CN-0811140]
PR - US6530897P 19971113 [1997US-P065308]
UP - 2005-08

2 / 6 PLUSPAT - @QUESTEL-ORBIT
PN - EP1031050 A1 20000830 [EP1031050]
STG - (A1) Public. Of applic. With search report
TI - (A1) WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION
LENS SYSTEMS EMPLOYING PIXELIZED PANELS

OTI - (A1) WEITWINKELPROJEKTIONSLINSEN FUR KOMPakte PROJEKTIONSYSTEME
MIT AUS PIXELN BESTEHENDEN ANZEIGETAFELN
(A1) LENTILLES DE PROJECTION A GRAND ANGLE DESTINEES A DES
SYSTEMES DE PROJECTION COMPACTS A LENTILLES
PA - (A1) US PRECISION LENS INC (US)
IN - (A1) MOSKOVICH JACOB (US)
IC - (A1) G02B-013/18
PN2 - EP1031050 A4 20040609 [EP1031050]
STG2- (A4) Publ. Of suppl. search report.
TI2 - (A4) WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION
LENS SYSTEMS EMPLOYING PIXELIZED PANELS
OTI2- (A4) WEITWINKELPROJEKTIONSLINSEN FUR KOMPakte PROJEKTIONSYSTEME
MIT AUS PIXELN BESTEHENDEN ANZEIGETAFELN
(A4) LENTILLES DE PROJECTION A GRAND ANGLE DESTINEES A DES
SYSTEMES DE PROJECTION COMPACTS A LENTILLES
PA2 - (A4) 3M INNOVATIVE PROPERTIES CO (US)
IN2 - (A4) MOSKOVICH JACOB (US)
IC2 - (A4) G02B-013/18
LA - ENGLISH (ENG)
AP - EP98957761 19981110 [1998EP-0957761]
PR - WO9823937 19981110 [1998WO-US23937]
US6530897P 19971113 [1997US-P065308]
DS - DE ES FR GB
UP - 2000-35

1 / 1 LEGALI - ©EPO

PN - EP1031050 A1 20000830 [EP1031050]EP1031050 A4 20040609 [EP1031050]

AP - EP98957761 19981110 [1998EP-0957761]

ACTE- 20000830 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
DE ES FR GB

20000830 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 20000509

20030827 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
OWNER: 3M INNOVATIVE PROPERTIES COMPANY

20040609 EP/A4-A [+]
SUPPLEMENTARY SEARCH REPORT
EFFECTIVE DATE: 20040427

20040609 EP/RIC1-A
CLASSIFICATION (CORRECTION)
7 G02B-013/18 A

20041201 EP/17Q-A
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 20041018

UP - 2004-49

3 / 6 PLUSPAT - ©QUESTEL-ORBIT

PN - JP2001523836 T 20011127 [JP2001523836]

STG - (T) Unexam. Pat. Appl. On foreign appl.

IC - (T) G02B-013/16 G02B-013/18 G02B-015/16

AP - JP2000521399T 19981110 [2000JP-0521399]

PR - US6530897P 19971113 [1997US-P065308]

WOUS9823937 19981110 [1998WO-US23937]
UP - 2002-01

4 / 6 PLUSPAT - @QUESTEL-ORBIT
PN - TW436638 B 20010528 [TW-436638]
STG - (B) Patent
TI - (B) Wide field of view projeciton lenses for compact projection
lens systems employing pixelized panels
PA - (B) CORNING INC (US)
IN - (B) MOSKOVICH JACOB (US)
IC - (B) G02B-009/12 G02B-013/18
AP - TW87119942 19981130 [1998TW-0119942]
PR - US6530897P 19971113 [1997US-P065308]
UP - 2001-45

1 / 1 LEGALI - @EPO
PN - TW436638 B 20010528 [TW-436638]
AP - TW87119942 19981130 [1998TW-0119942]
ACTE- 20011127 TW/GD4A-A [+]
ISSUE OF PATENT CERTIFICATE FOR GRANTED INVENTION PATENT
UP - 2004-28

5 / 6 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6324014 B1 20011127 [US6324014]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Wide field of view projection lenses for compact projection
lens systems employing pixelized panels
PA - (B1) CORNING PREC LENS (US)
PAO - Corning Precision Lens, Cincinnati OH [US]
IN - (B1) MOSKOVICH JACOB (US)
IC - (B1) G02B-003/00 G02B-013/18
AP - US55413500 20000510 [2000US-0554135]
PR - US55413500 20000510 [2000US-0554135]
US6530897P 19971113 [1997US-P065308]
WOUS9823937 19981110 [1998WO-US23937]
EC - G02B-013/06
G02B-013/18
G02B-027/18
PCL - ORIGINAL (O) : 359651000; CROSS-REFERENCE (X) : 359649000
359716000 359717000
DT - Basic
UP - 2001-49

1 / 1 LEGALI - @EPO
PN - US6324014 B1 20011127 [US6324014]
AP - US55413500 20000510 [2000US-0554135]
ACTE- 20030218 US/AS-A
ASSIGNMENT
OWNER: 3M INNOVATIVE PROPERTIES COMPANY P.O. BOX 33427ST.;
EFFECTIVE DATE: 20030212
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:3M PRECISION OPTICS,
INC.;REEL/FRAME:013429/0259

20030218 US/AS-A
ASSIGNMENT

10/19/05

US 6,324,014

09/554135

OWNER: 3M PRECISION OPTICS, INC. 3997 MCMANN ROAD CINCINNATI;
EFFECTIVE DATE: 20021213
CHANGE OF NAME; ASSIGNOR: CORNING PRECISION LENS,
INC.; REEL/FRACTION: 013429/0359

20040420 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031121

UP - 2004-53

6 / 6 PLUSPAT - @QUESTEL-ORBIT - image
PN - WO9926090 A1 19990527 [WO9926090]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION
LENS SYSTEMS EMPLOYING PIXELIZED PANELS
OTI - (A1) LENTILLES DE PROJECTION A GRAND ANGLE DESTINEES A DES
SYSTEMES DE PROJECTION COMPACTS A LENTILLES
PA - (A1) US PRECISION LENS INC (US); MOSKOVICH JACOB (US)
PAO - U.S. PRECISION LENS INCORPORATED ; 4000 McMann Road Cincinnati, OH
45245 (US) (except US)
MOSKOVICH, Jacob ; 3891 Blackwood Court Cincinnati, OH 45236 (US)
(only US)
IN - (A1) MOSKOVICH JACOB (US)
IC - (A1) G02B-003/00 G02B-003/02 G02B-015/14
LA - ENGLISH (ENG)
AP - WO9926090 19990527 [1999WO-US23937]
PR - US6530897P 19971113 [1997US-P065308]
EC - G02B-013/06
G02B-013/18
DS - CN; JP; KR; US; European Patent (AT; BE; CH; CY; DE; DK; ES; FI;
FR; GB; GR; IE; IT; LU; MC; NL; PT; SE)
DT - Basic

1 / 1 LEGALI - @EPO
PN - WO9926090 A1 19990527 [WO9926090]
AP - WO9926090 19990527 [1999WO-US23937]
ACTE- 19990527 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
CN JP KR US

19990527 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

19990728 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION

19990805 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
19TH MONTH FROM PRIORITY DATE

20000510 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
US 2000 554135A 20000510 [2000US-0554135]

20000510 WO/ENP

10/19/05

US 6,324,014

09/554135

ENTRY INTO THE NATIONAL PHASE IN:
KR 2000 2000705112A [2000KR-0705112]

20000515 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:
JP 2000 521399A [2000JP-0521399]

UP - 2003-22


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Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

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"6324014 or 6,324,014 "

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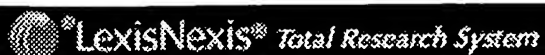
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- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
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Syntax	Definition
and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
View Search Command	

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

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"6324014 or 6,324,014 "

Click "Save this search as an Alert" to schedule your search to run in the future.

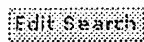
- OR -

Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

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Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:

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Search Connectors

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
View Search Comman	

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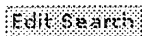
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